查询1SV263供应商

Ordering number :EN4510A

1SV263

Silicon Epitaxial Type

PIN Diode for VHF, UHF, AGC Applications

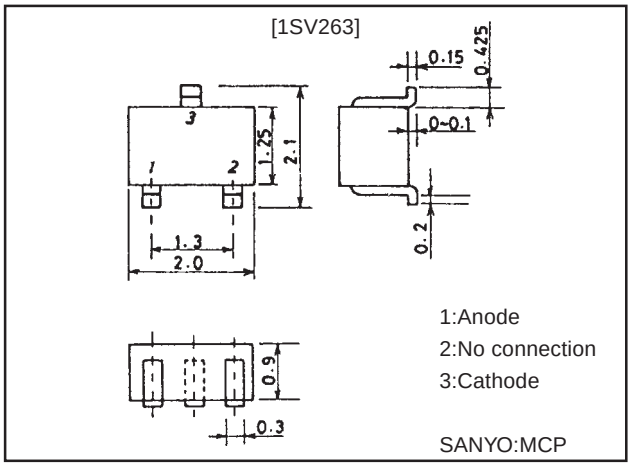
Features

- Very small-sized package facilitates high-density mounting and permits 1SV236-applied equipment to be made smaller.
- Small interterminal capacitance (C=0.23pF typ).
- Small forward series resistance (rs=2.5Ω typ).

Package Dimensions

unit:mm

1197A



Specifications

Absolute Maximum Ratings at Ta = 25˚C

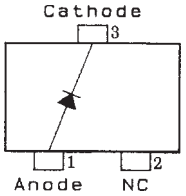
Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	V_R		50	V
Forward Current	I_F		50	mA
Allowable Power Dissipation	P		100	mW
Junction Temperature	Tj		125	˚C
Storage Temperature	Tstg		–55 to +125	˚C

Electrical Characteristics at Ta = 25˚C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	V_R	I_R=10μA	50			V
Reverse Current	I_R	V_R=50V			0.1	μA
Forward Voltage	V_F	I_F=50mA		0.91		V
Interterminal Capacitance	C	V_R=50V, f=1MHz		0.23		pF
Series Resistance	rs	I_F=5mA, f=100MHz		4.0		Ω
		I_F=10mA, f=100MHz		2.5		Ω

- Marking:JV

Electrical Connection



(Top view)

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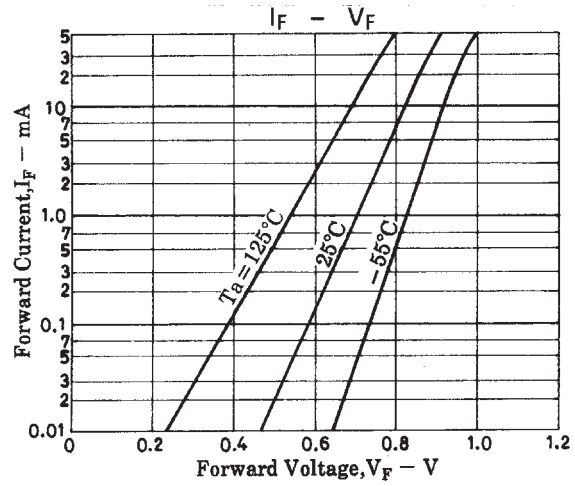
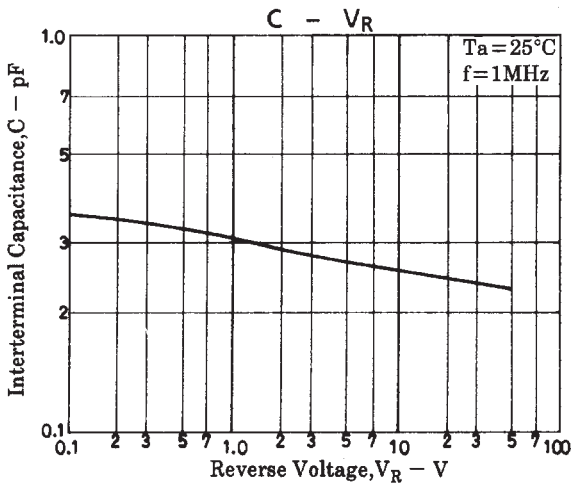
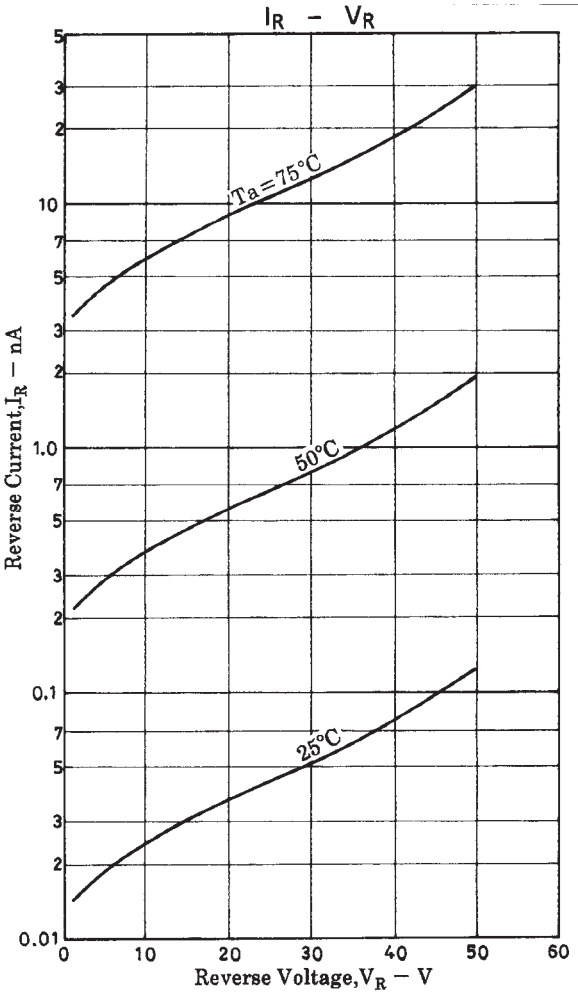
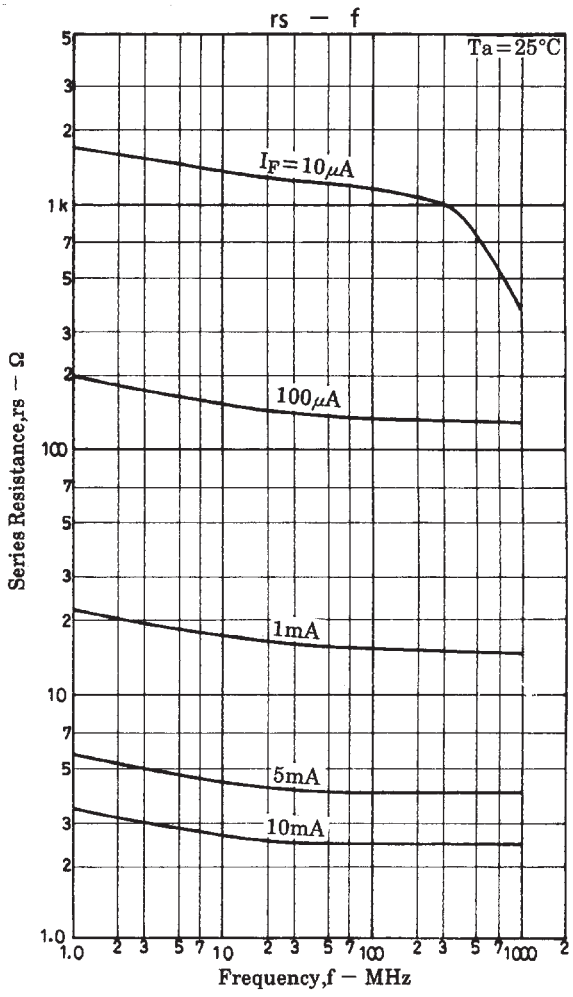
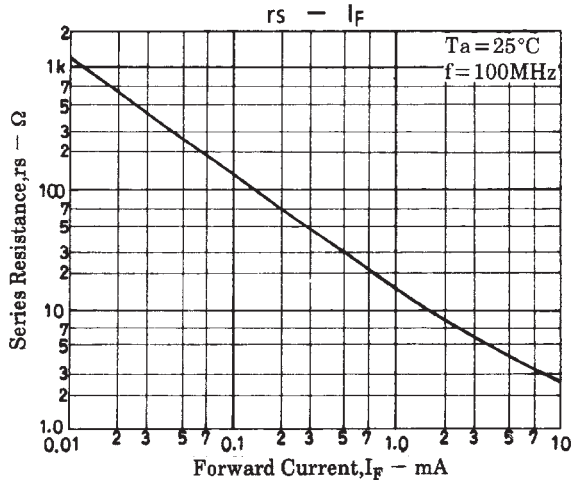
TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN


IF – VF
Forward Current,IF – mA
Forward Voltage,VF – V
Ta=125°C
25°C
–55°C


C – VR
Ta=25°C
f=1MHz
Interterminal Capacitance,C – pF
Reverse Voltage,VR – V


IR – VR
Reverse Current,IR – nA
Reverse Voltage,VR – V
Ta=75°C
50°C
25°C


rs – f
Ta=25°C
IF=10μA
100μA
1mA
5mA
10mA
Series Resistance,rs – Ω
Frequency,f – MHz


rs – IF
Ta=25°C
f=100MHz
Series Resistance,rs – Ω
Forward Current,IF – mA

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